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Langley Research Center

SYSTEMS ENGINEERING HANDBOOK FOR IN-HOUSE SPACE FLIGHT PROJECTS

(Due to formatting problems, this edition of LAPG 7122.1 contains errors in page numbering, figure location, and general format style. However, the content of the document is correct and represents the Center's policy for and implementation of the Systems Engineering Process.)

National Aeronautics and Space Administration

PREFACE

This handbook provides a summary of the systems engineering procedures associated with space flight projects where the primary project components (hardware and software) are developed in-house. The information in this handbook should serve as a basic reference for projects to develop a tailored sequence of events which will lead to achieving the best system design for the project.

This handbook is a supplement to the Langley Management Manual and is primarily applicable to space flight projects which are implemented in-house at Langley Research Center (LaRC). However, the fundamental systems engineering disciplines described will be applicable to early studies for contracted projects and to aeronautical projects and ground facility developments.

Revisions and additions to this handbook will be issued annually when changes or refinements in the systems engineering process or its implementation at LaRC are required.

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